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# The



# Tech

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MAY 11 1938  
THE WEATHER  
Fair and slightly  
warmer with mod-  
erate winds.

Volume LVIII. No. 25

CAMBRIDGE, MASS., FRIDAY, MAY 13, 1938

Price Five Cents

## Boston Architect To Give Talk To Graduating Class

Blanket Tickets For Program  
Will Cost \$10.50 Until  
Wednesday

Dr. K. T. Compton Will Speak  
For Baccalaureate Service

Alexander Macomber, '07, Will  
Be Chief Marshall At  
Graduation

Tutor Application Blanks Are  
Due Within Next Two Weeks

Commencement exercises for the  
Class of 1938 will feature an address  
by Charles D. Maginnis, distinguished  
Boston architect who is president of  
the American Institute of Architects,  
it was announced yesterday.

The Senior Week Committee re-  
ported that the price of blanket  
tickets would remain at \$10.50 until  
next Wednesday, and that Bert Wil-  
liams' orchestra had been signed to  
play at the Senior Tea Dance, June  
6, in Walker from 4 to 6 P.M.

Dr. Compton to Speak  
Several speakers for commence-  
ment have already been chosen. Dr.  
Karl T. Compton will make an ad-  
dress at the baccalaureate service on  
June 5, and Professor Albert A.  
Schaeffer will talk at the informal  
Senior banquet in the Continental Ho-  
tel.

The Chief Marshall of the gradu-  
ation exercises will be Alexander Ma-  
comber (Continued on page 4)

## Richard S. Leghorn Elected From I.F.C. To Inst. Comm. Post

Howes Wins Next Chairmanship  
As New Officers Are  
Selected

Richard S. Leghorn, '39, was  
elected Institute Committee represen-  
tative of the Interfraternity Confer-  
ence at a dinner meeting of the I. F.  
C. last Tuesday evening in the Fac-  
ulty Dining Room of Walker.

Other officers for next year were  
also elected. Benjamin T. Howes,  
'39, will be chairman for the next  
meeting of the I. F. C. This office  
is not permanent as a different chair-  
man is selected for each meeting of  
the year. The treasurer's post will  
be filled by David T. Morgenthaler,  
'40. Robertson Youngquist, '39, was  
elected secretary for next year.

Financial Report Given  
The chief business of the evening  
was the presentation of the financial  
report of the I. F. C. Dance Commit-  
tee. Figures are published in this is-  
sue of The Tech.

## "Warehouse Gang" Grads Produce Blood And Thunder Movie Melodrama

Would you invite your girl to a cos-  
tume party, and then when she ar-  
rived hand her a movie scenario and  
inform her that the "shooting" be-  
gan in fifteen minutes? For that is  
what some graduate residents of  
Ware Hall, better known as the Ware-  
house gang, did at their last Sun-  
day-evening party with a group of  
girls from Radcliffe.

The "Snake at the Old Cottage  
Door" 20-minute "horse opera" in the  
best of melodramatic style, concerns  
one Bicycle Bill Blake (Lewis L.  
Schock, Jr., '39), a wealthy rancher  
and descendant of a long line of  
ranchers, who has just sold a large  
herd to the meat packers and wanders  
into Sloppy Sam's Saloon, run by

(Continued on page 4)

Movie

## T.C.A. Handbook Material Required By End Of Week

All material for the 1938 T.  
C. A. Handbook must be turned  
in during this week. Albert H.  
Bowker, '41, editor of the hand-  
book, announced.

A list of next year's officers  
for all activities should be in-  
cluded although arrangements  
may be made to include officers  
of activities holding their elec-  
tions later in the month.

Letters requesting this infor-  
mation have been sent to prac-  
tically all activity leaders, and if  
responses are not received soon,  
the same write-up that ran last  
year will continue in the new  
handbook.

## TEN'S May Issue Is Last For Year

Sintering Processes Featured;  
Plans For Next Issue  
Are Outlined

With their May issue which goes  
on sale Monday, the staff of the Tech  
Engineering News will conclude their  
activities for the present school year.

Plans for the next issue are already  
being formulated. Mr. M. F. Judkins,  
chief engineer of the Firth-Sterinli  
Steel Company and author of the ar-  
ticle of Firthite Steel in the May is-  
sue, will conclude his discussions in  
September, 1938. Another article on  
biological engineering by Prof. John  
W. M. Bunker, head of Course VII-A,  
will also appear in the first Fall is-  
sue.

Sintering Process Featured  
Featuring the May issue is the ar-  
ticle on powder metallurgy by Mr.  
Judkins. The article contains a dis-  
cussion of tungsten carbide, formed  
by the process of sintering—a method  
of producing metallic alloys from  
very fine and tightly pressed pow-  
dered metals without melting. The  
article also contains descriptions of  
the sintering process as applied to  
the production of silver-carbon con-  
tacts and ductile tantalum.

William M. Murray of the Depart-  
(Continued on Page 2)

T. E. N.

## 5:15 Sail To Feature Dancing On Shipboard

Leon Mayer's Band Will Supply  
Music On Three Decks

Moonlight dancing on Massachu-  
setts Bay will be the 5:15 Club's final  
social event of the year. An entire  
boat has been chartered for the Com-  
muters for the sail on June 1, im-  
mediately after examinations.

Tickets are now in the hands of the  
dance committee and will be on sale  
in the Main Lobby next Monday at  
\$2.25 per couple.

In addition to engaging Leon Mayer's  
orchestra, the club has secured  
the largest excursion boat in the har-  
(Continued on Page 2)

Moonlight Sail

## Voo Doo Receives Gridiron's Award For Best Writing

Other Prizes Go To The Tech,  
T.E.N. At Banquet  
Last Night

"Times" Representative Speaks

Gridiron awarded first prize in its  
annual publication contest to William  
Gibson, G, of Voo Doo, at the Spring  
Banquet held last night at the Parker  
House Roof. Each year Gridiron  
makes these awards for the best ar-  
ticles appearing in any of the four  
Institute publications.

The second prize of \$15 was divided  
between Robert K. Prince, '40, of The  
Tech, and John Van Riper, '41, of T.  
E. N., each receiving \$7.50.

Tubby Rogers Presents Prizes

The awards were presented by Pro-  
fessor Robert E. (Tubby) Rogers,  
who stressed the difficulty in choosing  
the best articles from the many sub-  
mitted.

The guest speaker of the evening  
was Mr. Walter Harrington, '17, na-  
tional advertising manager of The  
New York Times. Mr. Harrington  
told of the opportunities for techni-  
cally trained men in distributing  
fields—retailing, advertising, and  
sales managing.

The T. E. N. prize for the best col-  
lege technical magazine was awarded  
to the Michigan Technique by Mr.  
Dudley, of Electronics magazine. Hon-  
orable mentions went to the Mar-  
quette and Purdue publications re-  
spectively.

## Tech Faces Strength In Bruin Track Team Here This Saturday

Engineers Have Good Chance  
To Win First Places  
In Six Events

With good chances for first in at  
least six events, the Institute track-  
sters go into their toughest meet of  
the year, with Brown this Saturday,  
on Tech Field at 2:00, bearing good  
hopes for winning.

If the Tech men can turn in as good  
performances against Brown as they  
have so far this year and in particu-  
lar as they did in the interclass meet  
yesterday, the outlook although tight  
will not by any means be dark. Coach  
Hedlund remarked yesterday that the  
meet should be a very close and even  
contest.

Suigreen is White Hope of Brown

Most individual competition should  
come from Brown's Suigreen, star of  
broad jump, pole vault, and high  
hurdles. His marks of 23ft. 4 1/2 in.,  
12ft. 10 in., and 15.6 respectively are  
all better than any Tech has turned  
in this year. The best pole vault of  
Kites is slightly over 12ft. 9 in.; he  
can be depended on for about 12ft.  
6 in. Saturday. In the meet against  
Bates last Saturday, Marshall turned  
in 21ft. 4 1/2 in., and yesterday Kites  
outleaped Marshall with 21ft. 6 in.—  
neither of which can touch Suigreen's  
best jump this year. Taylor has  
turned in, in his last two meets, 16.2  
and 16.6 in the high hurdles.

When we look at the other per-  
formances of the Brown team, the  
outlook brightens. Brown has only

(Continued on page 2)

Track

Tutor Application Blanks Are  
Due Within Next Two Weeks

The Approved List of Student  
Tutors in the first and second  
year subjects is now being com-  
piled for the next academic year,  
1938-1939. Application forms  
should be filled out at the Office  
of the Dean of Students, Room  
3-108, within the next two weeks.

## Lady Luck Saves IFC Rain Insurance Cuts Dance Loss By \$200

## Final Crew Meet Set For Saturday

Harvard, Cornell And Syracuse  
Furnish Competition  
On Charles

Closing its season against three of  
the best crews in the East, the Tech-  
nology varsity, Jayvee, and Frosh  
heavies, meet Harvard, Syracuse and  
Cornell, Saturday on the Charles. The  
150-pound eight will race at Prince-  
ton for the Joseph Wright Trophy to  
finish its schedule also. The fresh-  
man 150-pound first and second crews  
will row against the Harvard 150-  
pound first and second crews today  
in their finals.

Tech Expected to Give Little  
Opposition

Technology finished behind Harvard  
and Syracuse in the Compton Cup  
race last week and should not present  
much opposition tomorrow. The real  
race will be between Harvard and  
Cornell, two of the best in the east.  
Harvard barely beat Syracuse last  
week and Cornell was edged by Navy  
in a fast contest. The boys from  
Ithaca might spoil the Crimson's un-  
defeated record, unless they row their  
best race.

The freshmen should provide the  
most interesting feature for the Tech  
rooters when they seek their third  
win. Pat Manning's boys have what  
it takes to come out first in the con-  
test for first-year men.

The 150's will try to hold the  
Wright Trophy which they won last  
year on Lake Carnegie in record time.  
Competition will be keen as they will  
race entries from Harvard, Yale, Co-  
lumbia, Manhattan, Cornell, Navy,  
Pennsylvania, and Princeton.

## J. D. Havens To Head Technology Pacifists

Permanent Peace Group Elects  
Next Year's Officers

Officers of Technology's permanent  
peace organization were elected at a  
meeting Wednesday evening in the  
Walker West Lounge.

The president is Joseph D. Havens,  
'40; I. Seth Levine, '40, is vice-presi-  
dent; H. Tyler Marcy, '40, is secre-  
tary-treasurer; and Jerome Gross, '39,  
is corresponding secretary.

Plans Discussed

Other business at this meeting, the  
last of the term, included the passing  
(Continued on Page 4)

Peace Meeting

## Committee Will Pay Part Of Debt Remaining

Sudden Change Of Band Causes  
Cancellation Of 110  
Options

Twenty-one hundredths of an inch  
of rainfall decreased the deficit of the  
I. F. C. Weekend Committee by two  
hundred dollars, according to an un-  
official despatch to The Tech late last  
night. The former deficit of three  
hundred seventy-five dollars, an-  
nounced at a dinner meeting of the  
I. F. C. last Wednesday night, was  
thus decreased to \$175, a large part  
of which will be met by the twelve  
members of the committee, who have  
each agreed to purchase a blanket  
ticket for the weekend.

Under the conditions of the rain  
insurance, ten hundredths of an inch  
of rainfall was sufficient to cover any  
loss up to the extent of two hundred  
dollars suffered by the committee on  
the Moonlight Sail. The actual rain-  
fall during the evening, as reported  
(Continued on Page 2)

I. F. C.

## Phosphorus Emerges With Latest Litter, Her Feminine Number

"There's One In Every College",  
And "Analysis Of Humor"  
Are Featured

This month's litter of Phos the cat  
is entirely feminine, or at least claims  
itself to be. The "She" number has  
a number of new articles for a  
change: one of the most entertaining  
is the "Analysis of Humor", where  
all known joke types are clearly and  
logically classified into their respec-  
tive groups — with illustrations and  
examples. In the comprehensive dis-  
cussion of feminine types, Phos has  
a "There's One in Every College"  
section where seven types of college  
girls are described, and given ratings  
ranging from 0.9 to 5.00. Phone num-  
bers are not supplied, however.

"Green Hell", an article concerning  
an expedition of brave Tech men, de-  
scribes the tragic outcome of the at-  
tempts of the dauntless party to brave  
unbelievable dangers in tracking  
down the species "Femina". Espe-  
cially heartrending is the description  
of the loss of two brave men and true  
in the wilds of Scollay.

## Professor Tenney L. Davis Combines His Scientific and Liberal Studies

Professor Tenney L. Davis of the  
Department of Chemistry well exem-  
plifies the possibilities of combining  
more liberal studies with scientific  
pursuits, for not only is he distin-  
guished in his professional field of  
organic chemistry, but he is also well  
versed in the original Greek and Latin  
classics and in his hobby of amateur  
forester.

Has Assisted On Humanities  
Committee

In addition to his specialized work  
in organic chemistry, Dr. Davis has  
participated on various committees,  
the latest of which was a humanities  
committee on which he worked with  
President Karl T. Compton, Dean  
Vannevar Bush, Dean Edwin S. Bur-  
dell and Professor William H. Tim-  
bie. The committee was formed to  
look into the problem of a more lib-  
(Continued on page 4)

Prof. Davis

Professor Davis



Scene from Graduates' Movie



# The Tech

Vol. LVIII Friday, May 13, 1938 No. 25  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

## Managing Board

General Manager ..... David A. Bartlett, '39  
Editor ..... A. Lawrie Fabens, Jr., '39  
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Business Manager ..... George Dadakis, '39  
Associate Editor ..... Ida Rovno, '39

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Leslie A. Sutton, '40

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John R. Cook, '38 ..... Herbert K. Weiss, '38

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Night Editor: Peter Gilmer, '41

## LAME-DUCKS

HAVE NO PLACE IN THE INST. COMM.

AN EDITORIAL in the last issue of The Tech pointed out that the new Institute Committee which takes office next week has before it the task of reforming the present ineffectual Student-Faculty Curriculum Committee. The new legislators have before them still another task, that of eliminating lame-ducks from their own group.

Membership on the Institute Committee includes two representatives and the President from each class, and the presidents, chairmen, or general managers of a selected list of "Class A" activities. These activities include organizations like the Dormitory Committee which elects its officers in the late Spring and other activities like Voo Doo and The Tech which elect their managing boards at the close of the first semester.

Since, under the present arrangement, representatives retain their seats for the school year, from September through May, a curious situation arises. The General Manager of The Tech, for instance, although he relinquishes his position at the end of January, retains his Institute Committee seat as General Manager of the publication until the end of the school year. Since there is a new The Tech head and a new Managing Board, the former General Manager usually has little contact with the paper unless he usurps the powers of the new leaders. If his function on the Institute Committee is to represent The Tech, he obviously cannot perform it efficiently after he is no longer connected with the paper.

The system is unfair, for it means that the Institute Committee during the second semester is not entirely composed of active class representatives and active organization heads, as its constitution specifies.

Why not remedy the situation? Have the new officers seated in February. Although only three organizations would be affected by the ruling—The Tech, Voo Doo, and Technique—it would be of incalculable value to these three publications as well as promoting the efficiency of the legislative body.

If certain difficulties result from this arrangement, they can be easily corrected. If one of the men affected by the new seating plan is a member of the Executive Committee, an election can be conducted to fill his vacancy. Moreover the benefits to be derived from having a nucleus of at least three experienced men in the new Institute Committee each fall would outweigh any minor disadvantages which might result from the new arrangement.

## LIVE AND LEARN

LEATHER medal for Committees this season goes to the Interfraternity Conference Dance Committee. Although it is reported that the \$3.75 deficit will be reduced not only by \$100 to be made up by the committee itself, but by \$200 that has just turned up from rain insurance, this leaves around \$75 to be shared among the fraternities. Although this is less than the \$275 they had expected to have to pay, it is none the less quite large.

Just who is to blame is debatable, but it stands to reason that the committee could have been more careful. The hundred or more men who demanded their money back after buying options would not have done so if the orchestra had not been changed, and the orchestra would not have been changed if an air-tight contract had been signed in the first place.

Perhaps the committee merely got the bad breaks, but it appears that they were never absolutely sure what was going to happen. Most plans entail a certain amount of uncertainty, but some people don't seem to realize how careful one should be with other people's money.

## PEACE MEETING

ADVOCATES BOYCOTT

THERE are reputedly various ways in which Peace for the United States may be sought. The Collective Security method entails active participation in sanctions, either military or financial, while the other is based upon non-intervention and neutrality. There is a great deal to be said for either side, and it was interesting to watch the formation of an all Technology Peace organization to discuss the situation.

It is also interesting to note that the organization has already decided, without any discussion or vote on the subject, its stand on the method of preserving peace. Perhaps some of the organizations that sent delegates will be glad to know that a representative who favors the Japanese Boycott was sent to a meeting in Boston for the promotion of this sanction.

It is true that any of the members had a chance to oppose the action, but to send a delegate without any discussion seems to have been a fast one.



## Dine & Dance

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Daily Rate for Single Room with Private Bath—from \$3 a Day.

**SHELTON  
HOTEL**

LEXINGTON AVENUE at 49th STREET, NEW YORK

## I.F.C.

(Continued from page 1)

by the Boston Weather Bureau, exceeded the amount of the contract by eleven hundredths of an inch.

### 110 Options Returned

The majority of the loss was due to the return of one hundred and ten options following the sudden change of orchestra one week before the dance. This resulted in the immediate loss of two hundred and seventy-five dollars, although most of those returning options would have redeemed them rather than suffer a complete loss after the shift in plans was made public.

The Hotel Statler, which had been the site of three previous I. F. C. Dances, was not available for the Dance this year, although the fault lay in the failure of last year's Committee to reserve several dates before school closed last spring.

## T. E. N.

(Continued from page 1)

ment of Mechanical Engineering writes a specialized article on photo-elasticity.

The last installment of the article on the four-year plan in Germany is concluded in the May issue. Dr. Johann A. Bertsch, the author of the article, is well-known as the only American chemist selected by the German government to investigate the cause of the Hindenburg disaster.

Professor Manuel S. Vallarta, of the Department of Physics, presents a discussion of cosmic rays, to round out the professional contents of the May T. E. N.

## Reviews and Previews

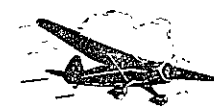
METROPOLITAN — Those three mighty maniacs, The Ritz Brothers, opened here last night in their latest vehicle of pleasant lunacy, Kentucky Moonshine. Gene Raymond stars in Stolen Heaven, companion feature.

BOSTON — N. T. G., famous for his ability to gather pretty girls together for musical revues, is here this week with his latest production, Broadway After Dark. Ralph Bellamy is featured in The Crime of Doctor Hallet.

## Moonlight Sail

(Continued from Page 1)

bor, according to Leo A. Kiley, '39, president of the commuter's organization. The boat has three dance floors, one on each of its three decks. Music, played on the first deck, will be transmitted to the others by an amplifying system. Another leading feature is to be the 60-foot bar below decks.



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Man

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## ELECTRICAL

## QUIZ

How many of these Questions can you Answer?

1. What was the first successful application of reduction gear drive to a large marine vessel?
2. How many kinds of heat are supplied by the "Corox" surface units of a Westinghouse electric range?
3. Who introduced the Parsons steam turbine to the United States?
4. What are the seven major types of rectifiers?
5. What alloy, consisting of non-ferromagnetic elements, is nevertheless ferromagnetic?
6. What type of power is used on the electrified portions of the Pennsylvania Railroad? What voltage?
7. What and where was the first commercial "repeating" broadcasting station?
8. When were the main rolls of a steel mill electrified for the first time?
9. What was the first large-scale display of incandescent lighting ever seen?
10. What is a sterilamp?

ANSWERS WILL BE FOUND ON PAGE 4

## Cambridge Wine & Liquor Co.

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King's Ransom	4.50	2.50	
Glenn Garry	3.25	1.75	
Highland Queen	3.25		
WHISKIES		Qts.	Pts.
Honeydale (bottled in bond)	\$2.70	\$1.39	
Bardstown (90 proof Bourbon)	1.95	1.00	
Three Feathers	2.10	1.10	
Old Log Cabin (3 yr. old)		1.29	
GINS		Gal.	Qts.
Graves DeLuxe	\$5.50	\$1.50	\$ .79
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Burnett's		1.50	.83
Booth's High and Dry		1.50	.83
WINES		Gal.	½ Gal.
Duff Gordon Sherry (Imported)			\$1.50
Granada (1923 vintage)			1.00
Happy Valley	\$1.75	\$ .99	.50
El Monte	1.50	.90	.50
Pabst Beer or Ale in Keglined Cans		2 for 25c	\$2.75 case
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## Freshmen Swamp Class Trackmen At Spring Meet

Junior, Senior, and Sophomore Scores Are Half That Of Freshmen

### Sexton Breaks Javelin Record

Placing in every event and breaking the freshman javelin record, the Class of 1941 track squad ran off with the annual Spring Inter-class Track Meet Tuesday and Wednesday on Tech Field as they swamped the Juniors, Seniors, and Sophomores respectively by a score of 93 to 45, 41, and 38.

John Sexton, '41, threw the javelin 180-95 feet to smash the previous freshman record of 167ft. 3in. made in 1929 by John A. Robertson. Paul DesJardins, varsity captain, turned in a surprise victory in the two mile run, coming in far ahead of the field in 10 minutes, 22.6 seconds. As expected, George Clark, '40, who featured the dashes at Bates last Saturday, repeated first race performance in the 100 and 440. He did not run in the 220 but his team-mate, Oettinger, '39, took first in that to prevent a complete freshman sweep in the event.

**Nagle is Meet High Scorer**  
John Nagle, captain of the freshman team, was high scorer for the meet with 12 points, including first place in the shot put to his credit. Booth, also a freshman, was second with 11 points.

The other events were all upper-class victories except in the total Interclass Track

## Cedric Valentine Ends First Season As Head Coach Of Technology Eights

Rowing its last race tomorrow afternoon, the Technology varsity crew will meet the eights of Cornell, Harvard and Syracuse on the Charles River. The Jay Vees and the Frosh Heavies will also help to wind up the season at home while the 150's will go to Princeton to compete in the Joseph Wright Trophy Race.

**Valentine Appointed Last Year**  
This will end Cedric Valentine's first year as Head Coach of the Technology crews. Graduating from the Institute as a Mechanical Engineer in 1926, "Val" was immediately appointed coach of the varsity 150 pound shell. He succeeded Bill Haines as Head Coach last fall and has been hard at work developing a winning combination since that time. This year's freshman boat, coached by Pat Manning, will furnish "Val" with some of the best material he has had to work with him in years. With a wealth of veteran material returning, next year's varsity should be a credit to the hard work of its coach.

**Crew Members Active**  
Though participation in crew activities requires a considerable amount of time, some of the outstanding men in undergraduate affairs are valuable members of the varsity eight, Cornelius Coombs, '38, captain of this year's boat, is finishing

his third season at stroke on the varsity. He is also active on the Rifle and Swimming teams and is Secretary-Treasurer of the Senior Class. Coombs has served on the Junior Prom, Dorm, Institute and Senior Week Committees. He is a member of Chi Epsilon, Scabbard and Blade, Beaver Club, and Dorclan.

John Glacken, '38, is a commuter but has managed to find time to be active in the M. I. T. Catholic Club, A. S. C. E., Boat Club and R. O. T. C. He was a member of the 1935 freshman crew and has served for two years on the first eight.

John Chapin, '38, will complete his third year on the varsity. He won his freshman numerals as a splash in '35; he is a member of Scabbard and Blade, Alpha Chi Sigma and Tau Beta Pi.

Of the remaining members of the first boat, Wesley Van Sciver, Richard Herr, Adolph Sebell and James Baird, the coxswain, are members of the class of 1940. David Hammell and Richard Cella are Juniors.

**Bright Future Ahead**  
The second Valentine varsity shell will probably be filled with veterans as only three regulars are graduating and the Jay Vees will supply added experienced material. It may be possible that the Compton Cup will come home at last.

## Track

(Continued from Page 1)

thrown the javelin 176ft. 2in., while yesterday Ross took second with a 178ft. heave. Brown's miler, Wentwood, in his best effort this year was third in a 4:43.9 mile, while yesterday, Crosby turned in a 4:37.8 mile and last Saturday was third in a 4:33.8 mile against Bates. Brown hasn't got a two miler who can beat 11:33.6. Clark, of Brown, has high jumped 5ft. 11 1/2 in. this year, where Thompson has twice cleared over six feet for Tech, and Hamilton has done so once, and yesterday cleared 5ft. 11 3/4 in. In the half, Klie of Brown has run second in halves of 2:08.0 and 17:57.6. Yesterday Campbell ran a 2:01.8, his best of the year.

**220 and Quarter are Toss-ups**  
The winner is a toss-up in the low 220, and the quarter. Clapp, of Brown, has run 22.8 and 23.1 this year.

Taylor has turned in for Tech a 23.2 against Bates, and yesterday Oettinger ran a 23.4. In the quarter, Clarke has done 51.6 and 52.6 for Tech, against 51.0 as Constable of Brown in his fastest race of the year.

Brown has a distinct edge in the low hurdles with a 25.7 performance, in the shot with a 48ft. 3-8in. heave, in the hammer with 169ft. 3in., in the discus with 133ft. 8in., and in the hundred with several 10.0 performances.

**Outcome Depends on Seconds and Thirds**

On the basis of past performances, the two teams seem pretty evenly balanced as regards to first place winners.

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M-22 Review Class, 5 to 7 and 8 to 10 P. M.

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"All cigarettes alike? Not on your life, Mr. Thompson. There's a long list of differences in Camels—extra-mildness—natural taste—the greater pleasure I get—the fact that Camels don't give me jittery nerves. I've been smoking Camels over 20 years. And I've found that Camels agree with me—in many ways. From what I see, most of the boys in railroading are pretty much of the same opinion. Camels set me right!"

(above, left) IN THE CAB of the big "J-3" that hauls the New York Central's 20th Century Limited. (above, right) Russell Thompson asks Engineer Bob Sharpe about the difference between Camels and other cigarettes.

More and more, one smoker tells another: "Camels agree with me!" Experienced smokers know Camels are the cigarette made from finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic.

"SKEET SHOOTERS," says S. Odis Wadding, National All-Gauge Champion, "watch their nerves. It's Camels for me all the way—Camels agree with me."

**MOZELLE HUBBARD**, cashier of a noted Hollywood restaurant, says: "Camels taste different—richer, but milder. Camels agree with me from every angle."

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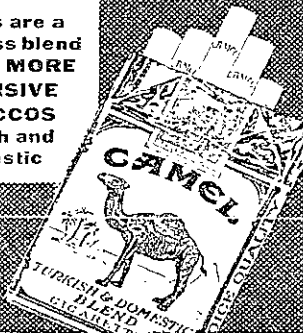
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## CALENDAR

### FRIDAY

12:00 Noon—Professor Richard H. Smith Luncheon—North Hall  
12:30 P.M.—Professor Ross M. Cunningham Luncheon—Silver Room  
6:00 P.M.—Agenda Dinner—North Hall.  
6:30 P.M.—Business Administration Seniors' Dinner—Silver Room.  
6:30 P.M.—Debating Society Banquet—Faculty Room.  
8:00 P.M.—Drama Club Meeting—North Hall.

### SATURDAY

5:30 P.M.—Brown University Track Team Dinner—Grill Room.  
6:30 P.M.—Boston Bacteriological Society Dinner—Faculty Room.  
7:15 P.M.—Conference on Pacific Relations Dinner—North Hall.

### MONDAY

12:00 Noon—Corps Area Inspectors' Luncheon—Silver Room.  
6:30 P.M.—Class of 1928 Dinner—Silver Room.  
6:30 P.M.—Ten Club Dinner—Fabyan Room.

### Peace Meeting

(Continued from page 1)

of the basic by-laws of the society. Plans for the future were discussed, with especial emphasis on the observance of Armistice Day next fall.

### Movie

(Continued from page 1)

Virginius N. Vaughan, Jr., G. Here he meets one of the most infamous characters of the West, Reptile Joe, the snake (Benjamin G. Wade, '39), who buys him first one drink and then another.

#### The Snake Creeps

When Bicycle Bill is about to lose his money to Reptile Joe by the simple process of passing out, Bill's daughter, Susie Mae (Betty Daniels), enters the saloon and drags her father home. Here she hides Bill's huge bankroll in a wastebasket and attempts to revive her father—but alas! Reptile Joe has seen all through the open window.

As Reptile slithers in the window, Mrs. Blake (Rosalind Lewis) enters and hales her still tipsy spouse off to the kitchen by his ear. Donald Dope, the hero (James L. Hall, G.), then enters and talks with Susie Mae until Reptile Joe enters the scene. Donald objects, a fight follows, and the Reptile slugs Donald with his gun butt, finally leaving (with the bankroll) while Susie Mae revives Donald.

#### The Plot Thickens

Reptile Joe slithers off on his horse Gallant Weasel (William M. Heaton,

G., and John A. Doremus, G.), to the gambling dive of Jake Gypem, (George O. G. Loef, G.), where he gambles his ill-gotten spoils, until at last he bets all in one hand. Reptile produces three aces as his opponent lays down two, and then shoots before his opponent can expose him to the crowd.

As Reptile Joe creeps off to Sam's joint, we learn that his victim is David Dope (Mal Stevens), brother of our hero, when his wife Dot (Dot Miley) rushes into the dive. As David dies in his wife's arms, Donald Dope enters and swears eternal vengeance.

#### And the Villain Hangs

Following Reptile Joe to Sloppy Sam's Saloon, Donald finds the murderer and knocks the Reptile out before he can draw his gun. Sheriff Frank Flatfoot (Scott C. Lyon, G.) and hangman Steve Stringer (Frederick R. Jackson, Jr., G.) then take charge of the vulture and string him up to a beam. Meanwhile, in another corner of the saloon, we find Donald Dope and Susie Mae, laughing and beginning to feel happily ever after.



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### Senior Week

(Continued from page 1)

comber, '07. The invocation will be offered by the Reverend Leslie T. Pennington, minister of the First Parish Church in Cambridge.

#### Ballots to be Distributed

Ballots to be used in choosing the Beaver Orator and the most prominent men in the various courses, will be distributed soon, the Senior Week Committee announced. Ballots should be turned in at the information desk in the Main Lobby. The men chosen will be initiated on class day.

"The Senior Ball will feature the best dinner any ball committee has had yet," John R. Cook, '38, stated last night; "It won't be one of these chicken pattie affairs." Table reservations for the ball, which will be held in the Main Hall of the Statler, will be placed on sale in the Main Lobby beginning next Wednesday.

### Prof. Davis

(Continued from page 1)

eral curriculum at Tech. and the results may be summed up in Dr. Davis' own words; "I can assure you that the officers are much interested in educating the students besides training them for professional work."

Dr. Davis has contributed a great deal to the field of chemistry, having among his published papers "History of Chemistry of Alchemy," "Chinese Alchemy," and "Scientific Methodology," as well as many papers concerning organic chemistry. Among the latter are discussions on nitrogen, urea and the guanidine series, complex cyanates and thiocyanates, oxidation of metadiphenols, and asymmetric synthesis. It is in the field of organic chemistry that he is most interested and it is in this work that he is most widely known.

### Interclass Track

(Continued from page 3)

number of points, which the freshmen, partly because of their large squad, were able to collect. Taylor, '40, captured both the 120 high and 220 low hurdles in 16.6 and 26.6 seconds although Jester, '41, was close at his heels. Kites, '38, took the pole-vault at 11ft. 6in. and the broad jump with a leap of 21ft., 6½in.

Campbell, '38, turned in a 2:01.8 half-mile; Crosby, '40, won the mile in 4:37.8; Treat, '38, tossed the hammer 123.8 feet for first place; Hamilton, '39, took the high jump; and Thomson, '38, won the discus.

#### The summaries:

580 Yard Run—Time, 2:01.8, 1st, Campbell; 2nd, Deering; 3rd, Wallace; 4th, Olson; 5th, Cook.  
220 Yard Dash—Time, 26.6, 1st, Taylor; 2nd, Jester; 3rd, Fogliano; 4th, Kyllonen; 5th, Walker.  
220 Yard Dash—Time, 23.4, 1st, Outinier; 2nd, Booth; 3rd, Lyons; 4th, Hensel; 5th, Mengel.

Two Mile Run—Time, 10:22.6, 1st, Des Jardins; 2nd, Sealing; 3rd, Backer; 4th, Hayden; 5th, Golt.

440 Yard Dash—Time, 51.6, 1st, Clark; 2nd, Wallace; 3rd, Ariz; 4th, Booth; 5th, Mengel.

100 Yard Dash—Time, 10.4, 1st, Clark; 2nd, Outinier; 3rd, Mengel; 4th, Booth; 5th, Hensel.

One Mile Run—Time, 4:37.8, 1st, Crosby; 2nd, Lemanski; 3rd, Deering; 4th, Hayden; 5th, Rosas.

120 Yard Hurdles—Time, 16.6, 1st, Taylor; 2nd, Jester.

Shot Put—Distance, 39ft 13-in, 1st, Nagle; 2nd, Kleiman; 3rd, Van Greenby; 4th, Schneider; 5th, Sexton.

Hammer Throw—Distance, 123ft 8-in, 1st, Treat; 2nd, Meier; 3rd, Smith; 4th, Van Greenby.

High Jump—Height, 5ft 11 3/4-in, 1st, Hamilton; 2nd, Howes; 3rd, Nagle; 4th, Haller; 5th, Vail.

Pole Vault—Height, 11ft 6-in, 1st, Kites; 2nd, Barby; 3rd, Gilbert; 4th, Russe; 5th, Fette and Gladding.

Broad Jump—Distance, 21ft 6 1/2-in, 1st, Kites; 2nd, Marshall; 3rd, Booth; 4th, Hadley; 5th, Kyllonen.

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## ANSWERS TO THE ELECTRICAL QUIZ

1. The installation of marine reduction-gears on the U. S. S. "Neptune," a naval collier, marked the beginning of such propulsion for large vessels. This installation was made by Westinghouse in 1912.
2. Three kinds of heat are supplied by the "Corox" surface units of a Westinghouse electric range—radiated heat, conducted heat, and convected heat.
3. George Westinghouse introduced the Parsons steam turbine to the U. S. in 1899, and built the first commercial turbine generator units.
4. The seven major types of rectifiers are: (1) Hot-cathode, vacuum; (2) Hot-cathode, gas-filled; (3) Dissimilar electrodes; (4) Mercury arc; (5) Electrolytic; (6) Dry electronic; and (7) Mechanical.
5. HEUSLER, an alloy of copper, manganese and aluminum, none of which is ferromagnetic, is itself ferromagnetic.
6. The electrified portions of the Pennsylvania Railroad use 11,000 volt alternating current, pioneered by Westinghouse.
7. Westinghouse Station KFKX, at Hastings, Neb., was the world's first commercial "repeating" broadcasting station.
8. The electrification in 1905, by Westinghouse, of the main rolls at the Edgar Thomson Works of the Carnegie Steel Company was the first of its kind to be accomplished.
9. The Westinghouse lighting of the World's Columbian Exposition, held at Chicago in 1893, was the first large-scale display of incandescent lighting ever seen.
10. A sterilamp is a tubular glass lamp containing inert gas and mercury vapor which emits ultra-violet rays lethal to bacteria when it is excited by an electric discharge. It was developed in the Westinghouse Lamp Division laboratories at Bloomfield, N. J.

This completes the series of "Electrical Quiz" questions and answers which have been published by Westinghouse to create a broader interest in electricity among college students.

NOTE: Our attention has been called to an editorial slip in our first "Electrical Quiz." The elevators in Radio City travel at a speed of 1400 feet per minute—not, of course, 1400 feet per second, as erroneously stated.

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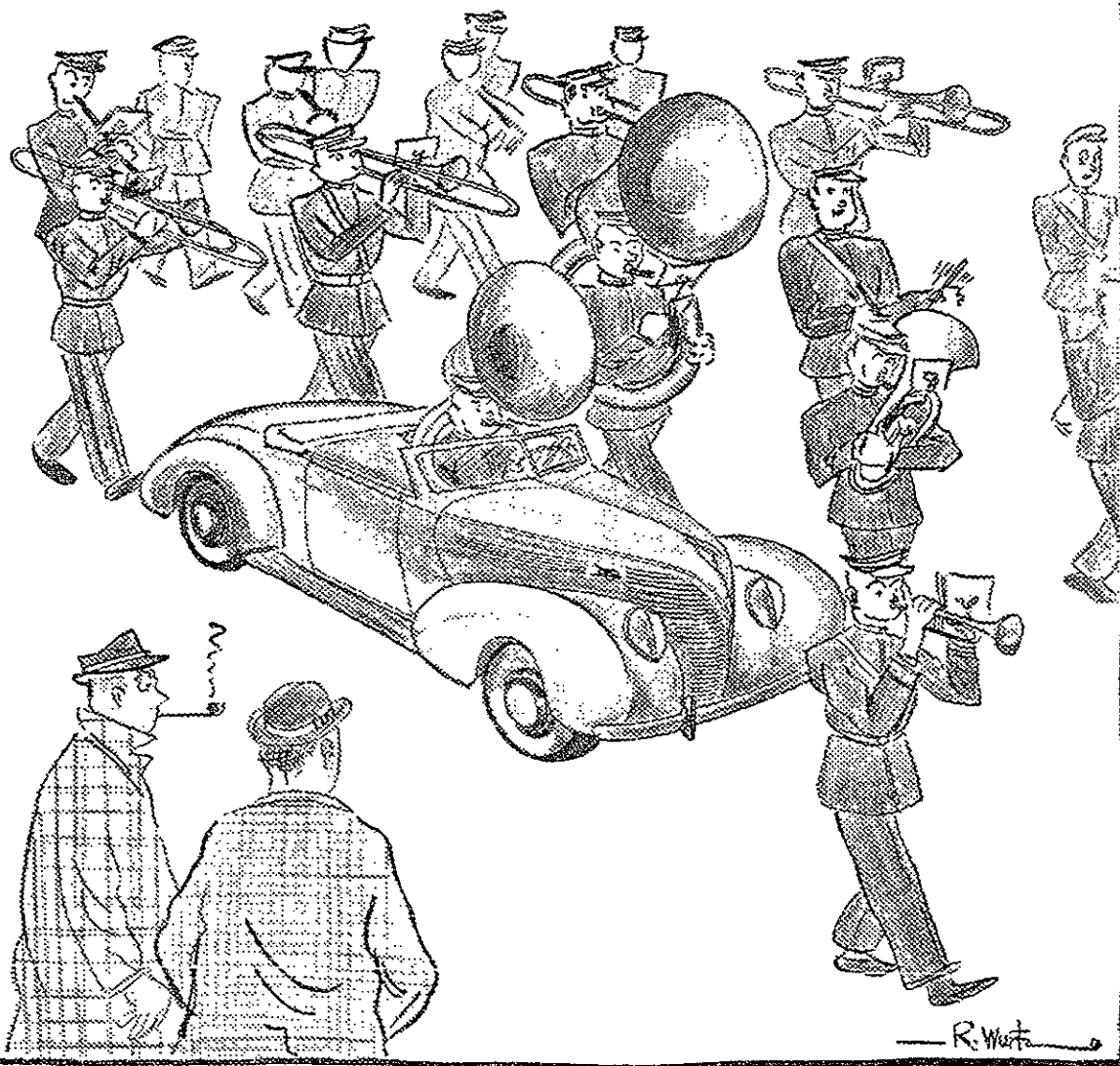
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by ROGER F. WURTZ '41, Wisconsin Octopus